

Viscometer Heating Baths



Ultra precise temperature control with excellent visibility.



VB-40G

Standard accessories

- Stainless steel covers for holes on the top
- Cooling coil

Optional accessories

see page 31

- Viscometer tube holders
- Cooling Circulators

Performance

- Temperature range from ambient +5°C to 150°C.
- Microprocessor PID control / Temperature calibration / Automatic tuning / Automatic run.
- Optimal temperature equilibrium achieved by a vane type stirrer with strong circulation power.

Convenience

- Easy readout digital LED displays. (0.01°C resolution at 0 to 99.9°C / 0.1°C resolution at 100 to 150°C)
- Dual wait on/off timer modes. (1 min. to 99 hr. 59 min.)
- Convenient memory function of up to three frequently set temperature.
- Clear visibility provided by double tempered safety glass windows in front and rear sides.
- Operations at below or slightly above ambient temperature allowed by stainless steel cooling coil. (for operation from 10°C, use an optional cooling circulator)
- Ø 51 mm holes (for glass capillary viscometer tubes) and a Ø 12.6 mm hole. (for a thermometer)
- RS-232 interface for external control and data collection.

Safety

- Isolated design of agitator, heater, and sensor by a baffle plate to minimize the turbulence in the bath fluid and also to protect users and samples against direct contact.
- Complete safety protection system with warning alarms. - Low fluid level and dry-running, over-temperature, over-current.
- Keypad lock function prevents accidental changes.



Ideal for application requiring high visibility



Easy holding of U-shaped viscometer glass tubes (optional)

Model		VB-25G		VB-40G	
Bath volume (L / cu ft)		25 / 0.9		40 / 1.4	
Working temperature range ²⁾ (°C / °F)		Amb. +5 to 150 / Amb. +9 to 302			
Temperature stability ¹⁾ (±°C / °F)		0.05 / 0.09		0.1 / 0.18	
Dimension	Bath opening / depth (WxL, D) (mm / inch)	145x265, 330 / 5.7x10.4, 13		295x265, 330 / 11.6x10.4, 13	
	Cover lids / Hole for thermometer (mm)	5ea / Ø51, 1ea / Ø12.6		8ea / Ø51, 1ea / Ø12.6	
	Exterior (WxLxH) (mm / inch)	492x374x536 / 19.4x14.7x21.1		642x374x536 / 25.3x14.7x21.1	
	Net weight (kg / lbs)	28 / 61.7		37 / 81.6	
Electrical requirements (230V)		60Hz, 13A	50Hz, 13A	60Hz, 13A	50Hz, 13A
Cat. No.		AAH43301K	AAH43302K	AAH43401K	AAH43402K

1) Technical data according to DIN 12876. (bath fluid : water at 70°C)

2) If you want to operate the unit below Amb. + 5°C, an optional cooling circulator is required.

The lowest temperature when using an optional cooling circulator is 10°C. For ordering information, see page 31.

* FDA establishment registered company. FDA listed products.